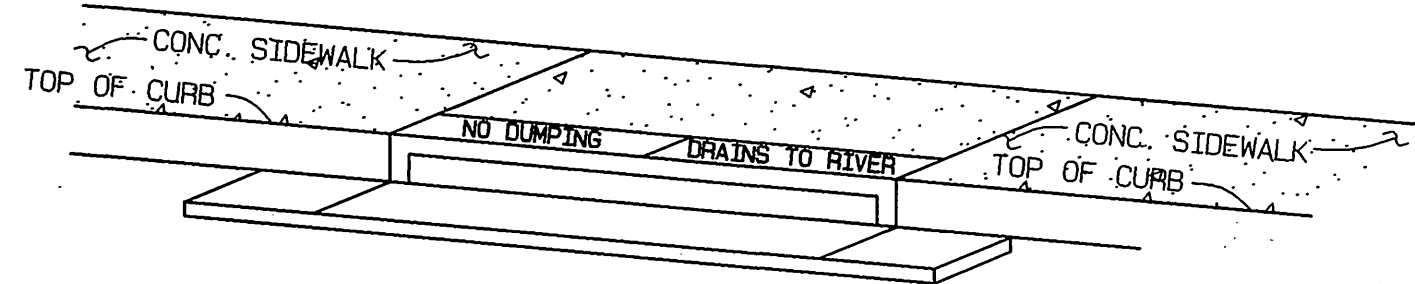


INDEX MAP
SCALE: 1"=200'



CATCH BASIN STENCILING DETAIL

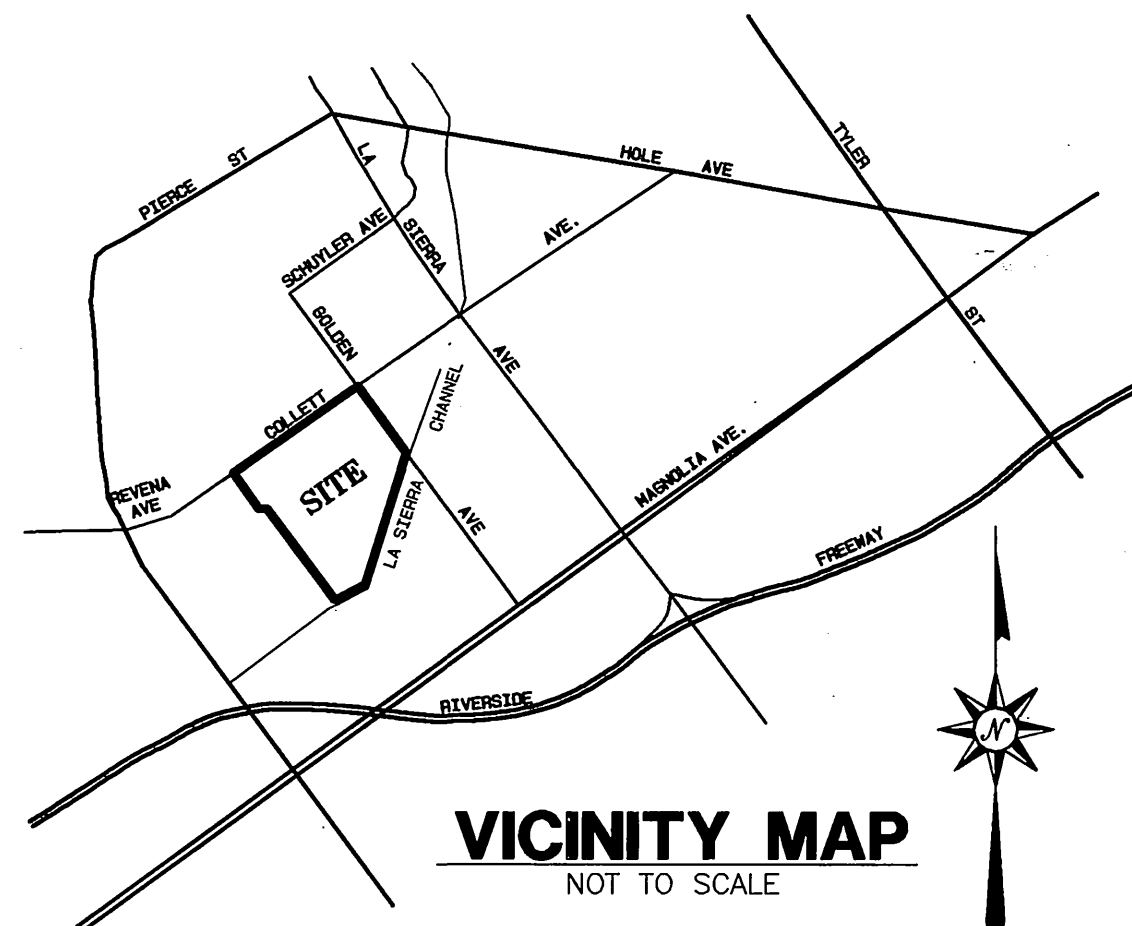
- (A) STENCILS TO HAVE 2" LETTERS AS FOLLOWS:
NO DUMPING
DRAINS TO RIVER
(B) PLACE BOTH STENCILS CENTERED WITHIN THE CATCHBASIN OPENING
AND WITHIN THE TOP OF THE CURB.
(C) SPRAY BOTH STENCILS WITH WHITE PAINT.
(D) REMOVE STENCILS WHEN PAINT IS DRY

CATCH BASIN
STENCILING DETAIL
NOT TO SCALE

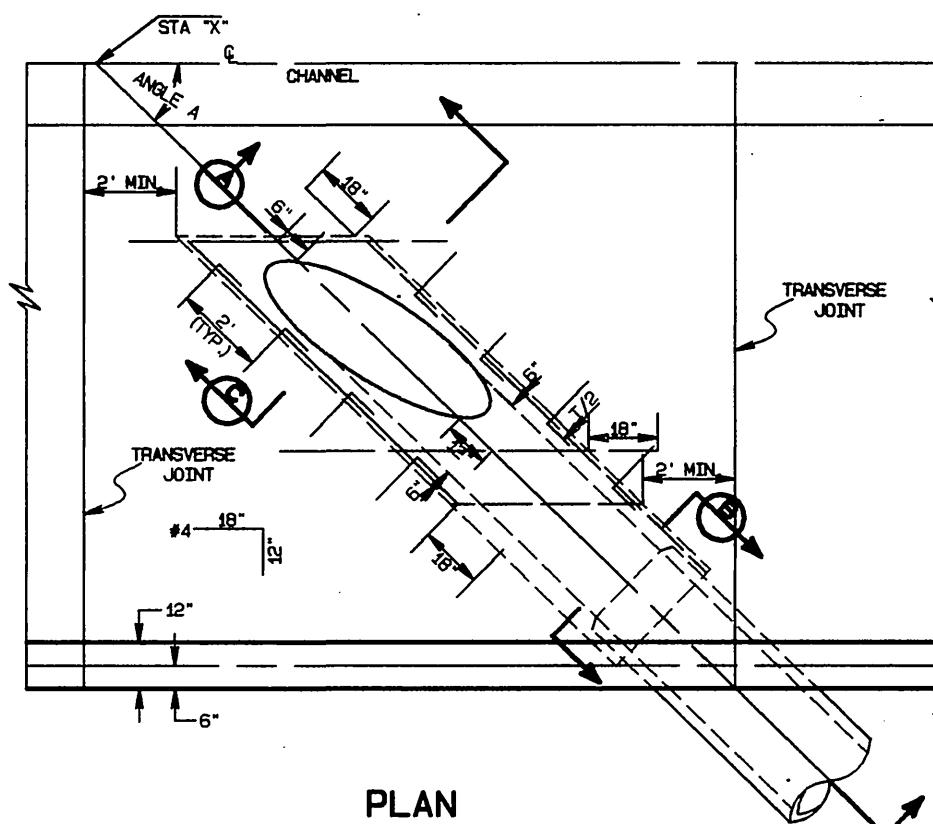
BENCH MARK

CITY OF RIVERSIDE BENCH MARK NO E2-H3
P.K. NAIL AND TAG IN THE CENTER OF THE
MOST NORTHERLY CURB RETURN OF COLLETT
AVENUE AND GOLDEN AVENUE
ELEVATION: 697.978

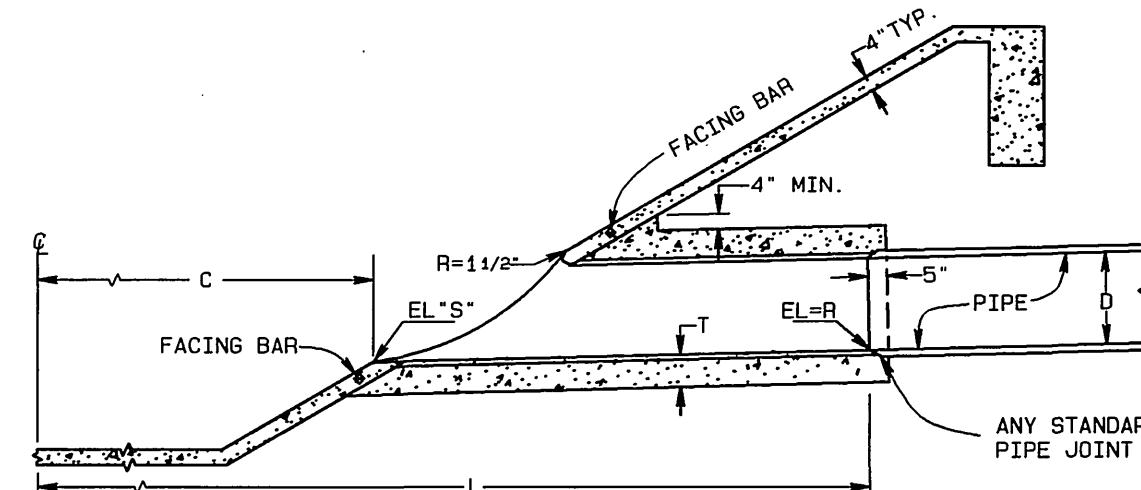
UNDERGROUND SERVICE ALERT
CALL: TOLL FREE
1-800
227-2600
TWO WORKING DAYS BEFORE YOU DIG



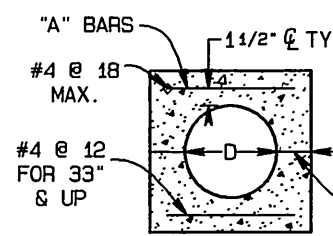
VICINITY MAP
NOT TO SCALE



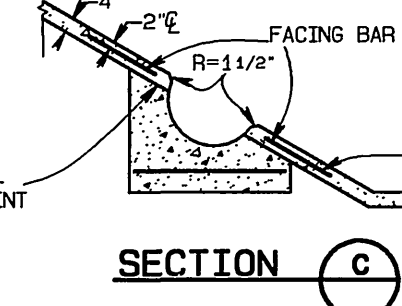
PLAN



SECTION A



SECTION B



SECTION C

JUNCTION STRUCTURE
NO. 6
STANDARD DRAWING RCFC JS231

TABLE FOR DIMENSIONS AND BAR SIZES	
(IN)	(IN)
18	9
21	9
24	9
27	9
30	9
33	7
36	7
39	7
42	8
45	8
48	8
51	9
54	9
57	10
60	10
63	10
66	11
69	11
72	11
75	12
78	12
84	13

- VALUES FOR D.L.C., E.L., R, S, ANGLE A AND STA. "X" ARE TO BE SHOWN ON PROJECT DRAWINGS.
- REINFORCING BARS SHALL BE PLACED 1 1/2" CLEAR FROM FACE OF CONCRETE.
- CONCRETE SHALL BE CLASS "A".
- PLACE # 4-12"X18" BARS WITH SHORT LEG HORIZONTAL IN VERTICAL US WALL. ROTATE LONGER LEG INTO CENTER OF SLOPE PAVING.
- REINFORCEMENT SHALL BE PROVIDED IN ALL PORTIONS OF THE JUNCTION STRUCTURE AS INDICATED ON DRAWINGS REGARDLESS OF BAR LENGTH MODIFICATION REQUIRED TO ACHIEVE PROPER CLEARANCES.

CONSTRUCTION NOTES

- CONSTRUCT 18" RCP (D-2000)
- CONSTRUCT 24" RCP (D-1750)
- CONSTRUCT 30" RCP (D-1750)
- CONSTRUCT CATCH BASIN PER CITY OF RIVERSIDE STD. DWG. NO. 405
- CONSTRUCT JUNCTION STRUCTURE NO. 6 PER RCFC & WCD STD. DWG. NO. 231
- CONSTRUCT MANHOLE "E2" PER CITY OF RIVERSIDE STD. DWG. NO. 431
- CONSTRUCT TIMBER BULKHEAD PER CITY OF RIVERSIDE STD. DWG. NO. 456
- CONSTRUCT 8" STUB OF 18" RCP (D-2000) @ 1% WITH TIMBER BULKHEAD PER CITY OF RIVERSIDE STD. DWG. NO. 456
- CONSTRUCT METAL FLARED END PER CALTRANS STD. DWG. NO. D94A (SEE DETAIL ON SHEET 3)
- CONSTRUCT JUNCTION STRUCTURE "B" PER CITY OF RIVERSIDE STD. DWG. NO. 421
- PIPE BEDDING PER CITY OF RIVERSIDE STD. DWG. NO. 452, CASE 1

GENERAL NOTES

- QUANTITIES SHOWN ARE FOR INFORMATION ONLY AND THE CITY OF RIVERSIDE IS NOT RESPONSIBLE FOR THEIR ACCURACY.
- CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF RIVERSIDE DEPT. OF PUBLIC WORKS STANDARD DRAWINGS, ITS SUPPLEMENTAL NOTES AND THE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, CURRENT EDITION.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO CLEAR THE RIGHT OF WAY IN ACCORDANCE WITH THE PROVISIONS OF LAW AS IT AFFECTS EACH UTILITY INCLUDING IRRIGATION LINES AND APPURTENANCES AND AT NO COST TO THE CITY.
- THE EXISTENCE AND LOCATION OF ANY UNDERGROUND UTILITY PIPES OR STRUCTURES SHOWN ON THESE PLANS WERE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. TO THE BEST OF OUR KNOWLEDGE THERE ARE NO EXISTING UTILITIES EXCEPT AS SHOWN ON THESE PLANS. THE CONTRACTOR IS REQUIRED TO TAKE PRECAUTIONARY MEASURES TO PROTECT THE UTILITY LINES SHOWN AND ANY OTHER LINES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.
- THE PRIVATE ENGINEER SIGNING THESE PLANS IS RESPONSIBLE FOR ASSURING THE ACCURACY AND ACCEPTABILITY OF THE WORK HEREON. IN THE EVENT OF DISCREPANCIES ARISING DURING CONSTRUCTION, THE PRIVATE ENGINEER SHALL BE RESPONSIBLE FOR DETERMINING AN ACCEPTABLE SOLUTION AND REVISING THE PLANS FOR APPROVAL BY THE CITY.
- THE CONTRACTOR SHALL CALL IN A LOCATIONS REQUEST TO UNDERGROUND SERVICE ALERT (U.S.A.), PHONE NO. 1-800-227-2600, TWO WORKING DAYS BEFORE DIGGING. NO CONSTRUCTION PERMIT WILL BE ISSUED BY PUBLIC WORKS DEPARTMENT INVOLVING EXCAVATION FOR UNDERGROUND FACILITIES UNLESS THE APPLICANT HAS BEEN PROVIDED AN INQUIRY IDENTIFICATION NUMBER BY U.S.A.
- THE DEVELOPER SHALL BE RESPONSIBLE FOR PRESERVING OR RE-ESTABLISHING AND REFERENCING SURVEY MONUMENTS DESTROYED, DISTURBED OR BURIED AS A RESULT OF CONSTRUCTION SHOWN HEREON.
- ALL EMBANKMENT FILL SHALL BE COMPACTED TO A MINIMUM OF 90% MAXIMUM DRY DENSITY AND SHALL BE OF AN APPROVED QUALITY.
- BEFORE THE RIP RAP IS ACCEPTED, AS PLACED, AT THE OUTLET OF ANY DRAINAGE STRUCTURE, IT SHALL BE TESTED UNDER FLOWS AS CLOSE AS POSSIBLE TO DESIGN CONDITIONS WITH WATER OBTAINED FROM FIRE HYDRANTS IN THE IMMEDIATE AREA.
- ANY TRAFFIC CONTROL STRIPING OBLITERATED AND /OR BADLY WORN DURING CONSTRUCTION SHALL BE RESTORED BY THE CONTRACTOR WITHIN FIVE DAYS AFTER NOTIFICATION FROM THE CITY INSPECTORS.
- NO PERSON SHALL PERFORM ANY CONSTRUCTION ACTIVITY OR INSTALL ANY OBJECTS WITHIN THE PUBLIC RIGHTS-OF-WAYS OR EASEMENTS OF THE CITY OF RIVERSIDE WITHOUT A VALID CONSTRUCTION PERMIT OR A STREET OPENING PERMIT OR AN ENCROACHMENT PERMIT ISSUED BY THE CITY'S PUBLIC WORKS DEPARTMENT.
- ALL FLAGGED ELEVATIONS SHALL BE STAKED IN THE FIELD BY THE PRIVATE ENGINEER.
- DEVELOPER AND/OR CONTRACTOR TO GIVE RCFC 5-DAYS WRITTEN NOTICE PRIOR TO STARTING WORK ON STORM DRAIN (OR DOING ANY WORK WITHIN RCFC EASEMENTS). RCFC ENCROACHMENT PERMIT NO. 1-0-060-2432.

NOTICE TO CONTRACTOR

ACCORDING TO INFORMATION PROVIDED BY UNDERGROUND SERVICE ALERT (U.S.A.) DATED FEBRUARY 18 1999, THE FOLLOWING ORGANIZATIONS ARE U.S.A. MEMBERS WITHIN THE PROJECT AREA:

CHARTER COMMUNICATIONS
PACIFIC BELL MOBILE SERVICE
QUESTAR LINE 90 COMPANY
SANTA ANA WATERSHED PROJECT AUTH.
WESTERN MUNICIPAL WATER DISTRICT

MEDIA ONE
PACIFIC BELL
CITY OF RIVERSIDE
THE GAS COMPANY

THE EXISTENCE AND LOCATIONS OF ALL UNDERGROUND UTILITIES (UTILITY PIPES, STRUCTURES, ETC.) SHOWN ON THESE PLANS (MAIN LINES ONLY - NO SERVICE LATERALS) WERE ASCERTAINED BY A REVIEW OF RECORDS PROVIDED BY THESE MEMBER AGENCIES AND ARE APPROXIMATE. NEITHER THE OWNER NOR THE ENGINEER ASSUMES ANY RESPONSIBILITY FOR UTILITIES NOT SHOWN OR NOT IN THE LOCATION SHOWN.

THE CONTRACTOR IS REQUIRED TO TAKE DUE PRECAUTIONARY MEASURES TO PROTECT ALL UTILITIES SHOWN ON THESE PLANS AND/OR ANY OTHER UNDERGROUND UTILITIES NOT OF RECORD OR NOT SHOWN ON THESE PLANS.

THE CONTRACTOR IS RESPONSIBLE TO INSURE THAT ALL SIDEWALKS, RAMPS, RAILS, CLEARANCES AND APPURTENANCES MEET OR EXCEED THE MOST STRINGENT REQUIREMENTS OF THE CITY, STATE OR FEDERAL GOVERNMENT FOR ACCESSIBILITY.

CITY OF RIVERSIDE PUBLIC UTILITIES DEPARTMENT OVERHEAD AND UNDERGROUND	CITY OF RIVERSIDE WATER DEPARTMENT (SH-1-4)	THE GAS COMPANY	CHARTER COMMUNICATIONS	PACIFIC BELL
APPROVED BY <i>John Z. Swy</i> DATE 10-13-00	APPROVED BY <i>Richard J. Doolak</i> DATE 11-3-00	APPROVED BY <i>Gerri Lee</i> DATE 10-6-2000	APPROVED BY <i>John J. Am...</i> DATE 10-10-00	APPROVED BY <i>Pat Haffner</i> DATE 10-6-00

*AS-BUILT PER PLANS 3-21-06 LPH

CITY BUSINESS TAX CERTIFICATE NO. 005751 EXP. 12-31-00

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
3788 McCRAE STREET RIVERSIDE, CA 92506
(909) 686-1070

APPROVED BY *Mel F...* DATE 10/14/00
R.C.E. NO. C39530

W.O. 99-201 FOR: GRIFFIN INDUSTRIES

F.B. 1999

DESIGNED BY: *L.A.* CHECKED BY: *...* CHECKED BY: *...*

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY
PRINCIPAL ENGINEER
PARK DEPARTMENT
TRAFFIC DIVISION
DEP. P.W. DIRECTOR
STREET SERVICES

DATE 12-27-00

STORM DRAIN PLAN & PROFILE

TRACT NO. 29089-1
PRIVATE STORM DRAIN

SCALE: AS SHOWN

ACCOUNT NO. 99-0201

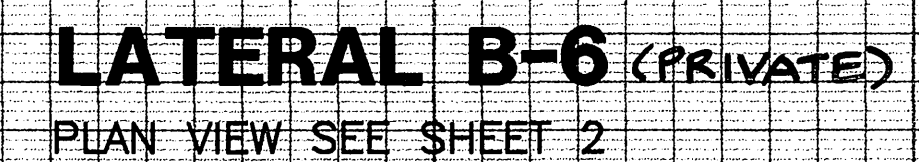
DRAWING NUMBER

D-680

SHEET 1 OF 4

99-0201

INDEXED 1-26-01 LPH



PLAN

Diagram showing the top view of the skirt assembly. Dimensions include DIA. (Diameter), B (Skirt Width), W (Total Width), and J (Skirt Height). A note points to the "REINFORCED EDGE SEE NOTE 2".

ELEVATION

Diagram showing the side view of the skirt assembly. Dimensions include DIA. (Diameter), 2" (Flange Thickness), W MIN. (Total Width), and TOE P.L. (Toe Plate Location). A note states: "TOE P.L. SHALL BE SECURELY ATTACHED TO THE SKIRT SEE NOTE 4".

TYPICAL CROSS SECTION

Diagram showing a cross-section of the skirt assembly. Dimensions include L (Length), 2 X 4 - W1.2 X W1.2 (Welded Wire Fabric), ROP (Reinforced Outer Panel), MORTAR COLLAR 3/4" MIN. COVER OVER WWF, 4" MIN. (Skirt Thickness), 8" MIN. (Skirt Thickness), CORRUGATED PIPE STUB (1' LONG) SAME THICKNESS AS FES, and TOE PLAT IF REQUIRED. A note points to the "LIMIT OF PAYMENT For RCP".

PIPE DIA.	END SECTION THICKNESS	DIMENS		
		A	B	H
18"	0.064"	1'3"	MAX 1'3"	10
24"	0.064"	8	10	6
24"	0.064"	40	13	6

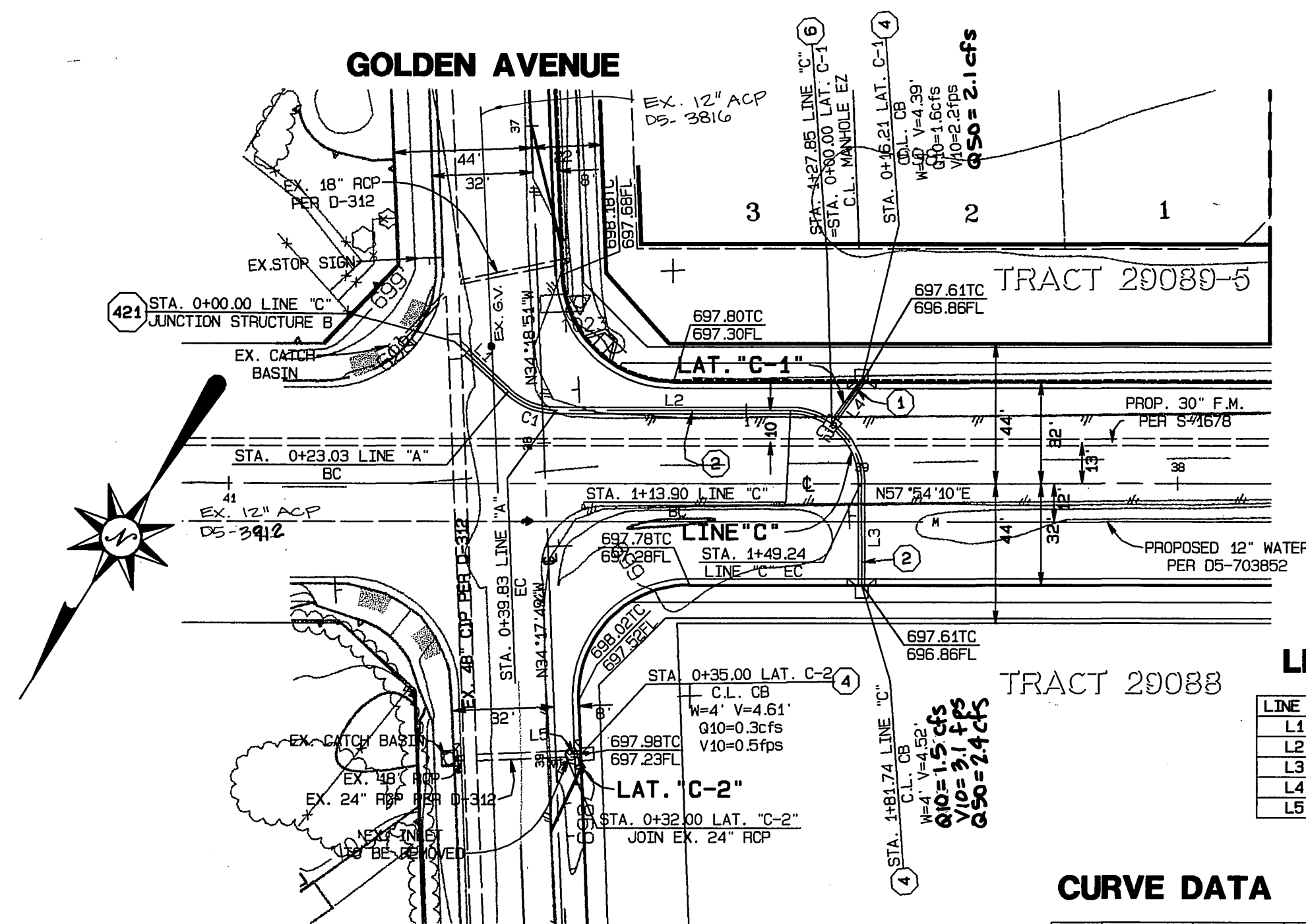
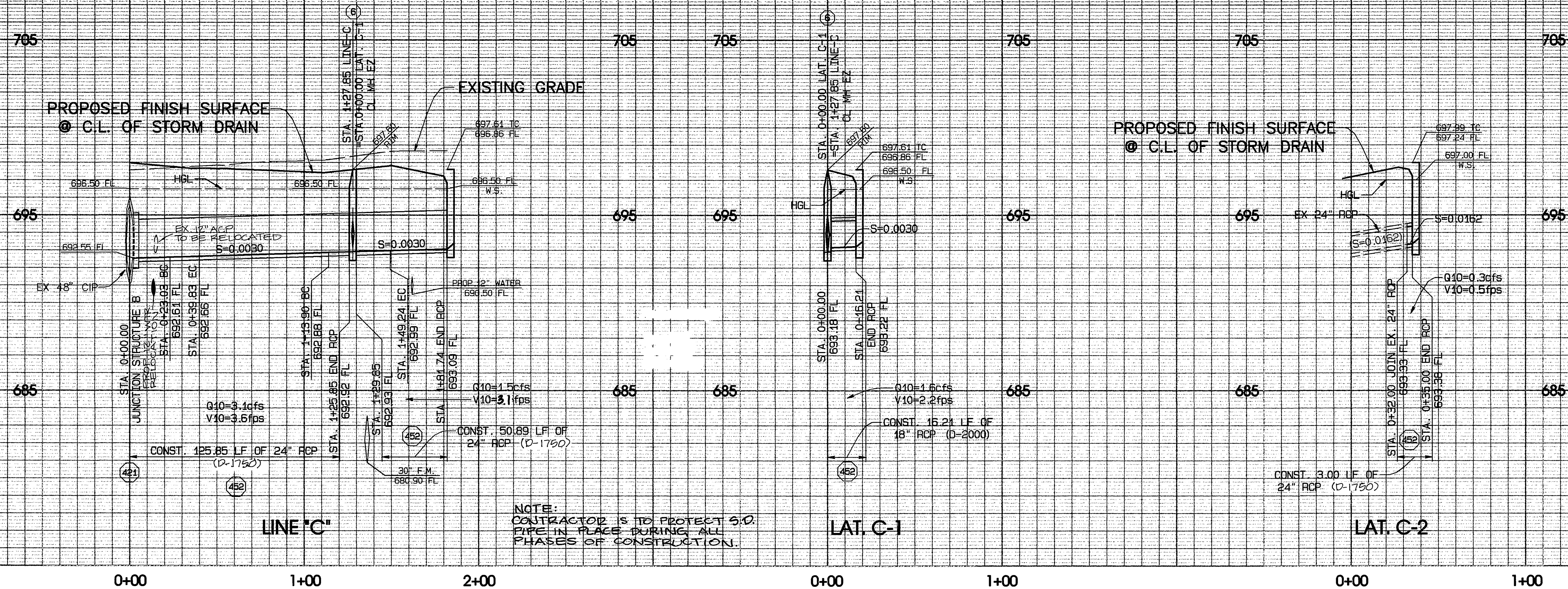
EQUIVALENT PLASTIC FES TO MEET AND ASTM D-1248 SPECIFICATIONS

NOTES

- ALL 3-PIECE BODIES TO HAVE 0 PANELS. WIDTH OF CENTER PANEL PIPE PERIPHERY, MULTIPLE PANELS TO BE TIGHTLY JOINED BY RIVE
- REINFORCED EDGES TO BE SUPPL THE 60" THRU 84" ROUND, 77" X THE ANGLES WILL BE 2" X 2" X AND 83" X 57" PIPE-ARCH SIZES THE ANGLES TO BE ATTACHED BY
- ANGLES REINFORCEMENT SHALL B ON THE 77" X 52" AND 83" X 57
- TOE PLATE TO BE AVAILABLE AS
- END OF PIPE TO BE FINISHED W FLARED END SECTION SO THAT M CONNECTION. OTHER DESIGNS MAY ENGINEER.
- FOR 12" THRU 24" HELICAL END COUPLING BAND ATTACHED TO THE BOLTS OR ONE INCH LONG SHOP INTERVALS AS DIMPLES MAY BE

INDEXED 1-26-01 4H

JUNCTION STRUCTURE B
A= 45'
B=24'
C= 5.75'
D=48'
E'= 4.75'
ELEV. "RT" = 692.54
ELEV. "ST" = 692.57
L= 4.15'



BENCH MARK:

CITY OF RIVERSIDE BENCH MARK NO E2-H3
P.K. NAIL AND TAG IN THE CENTER OF THE
MOST NORTHERLY CURB RETURN OF COLLETT
AVENUE AND GOLDEN AVENUE

ELEVATION: 697.978



CITY BUSINESS TAX CERTIFICATE NO. 005751 EXP. 12-31-00

ALBERT A. WEBB ASSOCIATES
CIVIL ENGINEERS
3788 McCRAV STREET RIVERSIDE, CA 92506
(909) 686-1070

APPROVED BY: *[Signature]* DATE: 10/14/00
R.C.E. NO. C39530

W.D. 99-201 FOR: GRIFFIN INDUSTRIES F.B. 1999

MARK	REVISIONS	APPR.	DATE

CITY OF RIVERSIDE, CALIFORNIA
PUBLIC WORKS DEPARTMENT

APPROVED BY	BY DATE	APPROVED BY
PRINCIPAL ENGINEER	<i>[Signature]</i>	<i>[Signature]</i>
PARK DEPARTMENT		
TRAFFIC DIVISION		
DEP. P.W. DIRECTOR	<i>[Signature]</i>	
STREET SERVICES	<i>[Signature]</i>	

DATE: 12-27-00

STORM DRAIN PLAN & PROFILE

TRACT NO. 29089-1
COLLETT AVENUE

STORM DRAIN LINE "C", LATERAL "C-1" & "C-2"

SCALE: HORIZ. : 1" = 40' VERT. : 1" = 4'

ACCOUNT NO. 99-0201

DRAWING NUMBER

D-680

SHEET 4 OF 4

99-0201

INDEXED 1-26-01 LHH

FILE: G:\9999\99-0201\990201.dwg PLOT DATE: 10/1/2000